

## INFORMATION REPORT

COUNTRY Germany (Russian Zone) DATE DISTR. 17 February 1948  
SUBJECT Research in High-Pressure Physics at Schaffer and Budenberg, Magdeburg NO. OF PAGES 2  
PLACE ACQUIRED NO. OF ENCLS. (LISTED BELOW)  
DATE OF INFO SUPPLEMENT TO 50X1-HUM REPORT NO.

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1. A Soviet Ministry, so far unnamed, has charged Dr. Gillesen, formerly of the Physikalisch-Technische Reichsanstalt Mittweida, with the execution of an urgent research program connected with high pressure physics. This program is to receive priority facilities.
2. For this purpose, the former measuring instrument building of Schaffer & Budenberg, Magdeburg, has been equipped as a laboratory. This is a five-story building of reinforced concrete which is directly opposite the administration building.
3. Little is known about the objectives of the program except that pressures of the order of 10,000 kgs. per sq. cm. to 18,000 kgs. per sq. cm. are involved. It is believed that the work is concerned with the cold flow of steel under pressure.
4. The following fluids have been supplied for use with laboratory equipment for pressure production, in addition to a number of highly sensitive precision instruments:  
a. Paraffin oil b. Pure Cetiol c. Pure decaline d. Glycerin
5. The research program is stated to be identical with a very secret German war-time research project known as the "G-program" with which a few selected engineers of Schaffer & Budenberg were concerned. Among these was Dr. Dipl. Ing. Abel.

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**Comment:** It is possible that the "G-program" mentioned above means the so-called "Göttingen Program". In that case, the project mentioned would be the resumption of a program which was the war-time commitment of the Gropa GmbH of Schaffer & Budenberg of Magdeburg-Buckau. The directors of Gropa were Dr. Klein and Dr. Phil. Rudolf Berthold. The latter had been in charge of Schaffer and Budenberg's technical office for the design of measuring instruments.

Two distinct research tasks were undertaken by Gropa at Göttingen. The first was the task, allotted by the German Air Ministry, of developing pressurized cockpits for high-altitude aircraft. Dr. Ing. Ihde, formerly of the DVL establishment at Berlin-Adlershof, was put in charge of the work, and the last two years of the war were spent in setting up underground workshops and experimental workshops in the Regensteine, near Blankenburg/Harz.

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Class. CHANGED TO: TS S (C)  
Date: 4 Apr 77  
Auth: D. J. [illegible]  
Date: MAY 2

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The second task was allotted shortly before, or after, the outbreak of war by the Reichsforschungsrat. It concerned research in developing certain chemical and mechanical processes (which were not specified, but clearly connected with the war effort), with the object of producing an exceptional specific pressure. Right up to the last year of the war, this work was regarded as highly secret. Not more than five Schaffer & Budenberg employees were concerned with the work.

[Dr. Barthold's papers were sorted out in November 1945, after he moved to Göttingen. These yielded a complete set of drawings of the research installations, which were handed over to the chief engineer of the Schaffer & Budenberg measuring instrument design office, our Elisch, who is still with the firm.]

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